



Product datasheet

DyLight® 650 Anti-HA tag antibody [16B12] ab117515

★★★★★ [1 Abreviews](#) [6 References](#) [1 Image](#)

Overview

Product name	DyLight® 650 Anti-HA tag antibody [16B12]
Description	DyLight® 650 Mouse monoclonal [16B12] to HA tag
Host species	Mouse
Conjugation	DyLight® 650. Ex: 654nm, Em: 673nm
Specificity	ab117515 recognizes the Influenza hemagglutinin epitope (YPYDVPDYA).
Tested applications	Suitable for: ICC/IF, Flow Cyt
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide YPYDVPDYA corresponding to HA tag. <div>  Run BLAST with  Run BLAST with </div>
General notes	<p>Conjugated to DyLight® 650 (ratio 1.3.): Visible absorption maxima 652 nm; Emission maximum 672 nm.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. The product can be stored for up to 12 months.
Storage buffer	pH: 7.40 Preservative: 0.01% Sodium azide Constituents: 0.58% Sodium chloride, 95% Sodium phosphate
Purity	Protein G purified
Clonality	Monoclonal

Clone number 16B12

Isotype IgG1

Applications

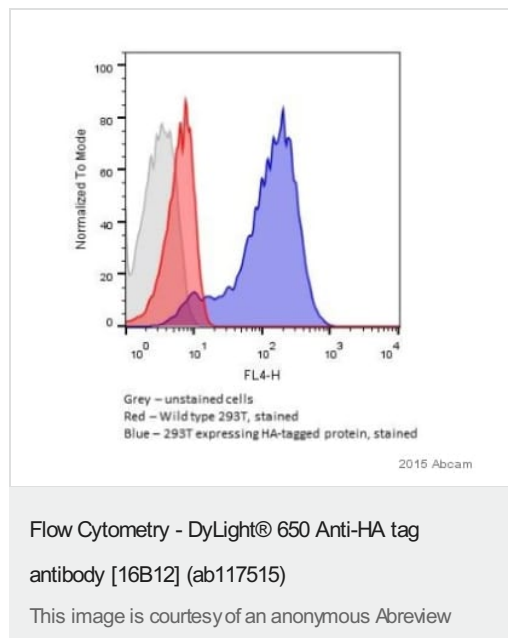
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab117515 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/500 - 1/5000.
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration.

Target

Relevance Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Images



ab117515 staining 293T cells expressing a HA-tagged protein (intracellular) by Flow Cytometry. Cells were permeabilized and fixed. The sample was incubated with the primary antibody (1/200) for 30 minutes at 4°C.

Gating Strategy: Gated on FSC-SSC to exclude debris/dead cells.

Grey - unstained cells.

Red - Wild type 293T, stained.

Blue - 293T expressing HA-tagged protein, stained.

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